

CLAIM AMENDMENTS

1 -- 5. (canceled)

6. (new) A cutting-tool assembly comprising:

a rotatable tool holder formed with an outwardly open seat having an outwardly directed floor;

a cartridge engaged in the seat, carrying a cutting insert, and formed with an inwardly open groove defining a groove axis and having a surface confronting and extending at a small acute angle to the groove floor;

an adjustment wedge axially shiftable in the groove, having a formation extending transversely of the axis, and bearing radially outward on the groove surface and radially inward on the seat floor, whereby axial shifting of the adjustment wedge radially shifts the cartridge in the groove; and

means including an eccentric pin set in the cartridge and engaging the formation of the adjustment wedge for axially shifting the adjustment wedge in the groove and thereby radially displacing the cartridge in the seat on rotation of the pin.

7. (new) The cutting-tool assembly defined in claim 6 wherein the cartridge is formed with a radially extending bore opening into the seat and in which the pin is seated and rotatable.

1 8. (new) The cutting-tool assembly defined in claim 7
2 wherein the bore has a depth such that the pin in an inner position
3 is wholly received in the bore and does not project from the bore
4 into the groove, the assembly further comprising

5 a retaining element removably received in the cartridge
6 and projecting radially into the bore at a location impeding
7 movement of the pin into the inner position.

1 9. (new) The cutting-tool assembly defined in claim 6
2 wherein the formation is a transverse groove in the adjustment
3 wedge and the eccentric pin has a cylindrical end extension engaged
4 in the transverse groove.

1 10. (new) The cutting-tool assembly defined in claim
2 wherein the angles are between 8° and 12°.

1 11. (new) The cutting-tool assembly defined in claim 6
2 wherein the groove surface is generally cylindrical and centered on
3 an axis extending at the small acute angle to the body axis.

1 12. (new) The cutting-tool assembly defined in claim 11
2 wherein the groove floor is flat and the wedge has a flat face
3 riding on the floor.

1 13. (new) The cutting-tool assembly defined in claim 6,
2 further comprising
3 a retaining body and
4 means for pressing the retaining body against the
5 cartridge and thereby locking the cartridge against displacement in
6 the seat.

1 14. (new) The cutting-tool assembly defined in claim 5
2 wherein the body is centered on and rotatable about an axis
3 generally parallel to the groove axis.